

# Converting Colors

Hex(588C99)

Have a look what the booklet for  
Hex(588C99) contains.

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# Color

Hex(588C99)

# Conversions

## Conversions Part 1

Format	Color
Hex	588C99
RGB	88, 140, 153
RGB Percent	35%, 55%, 60%
CMY	0.6549, 0.4510, 0.4000
CMYK	0.42, 0.08, 0.00, 0.40
HSL	192°, 27%, 47%
HSV	192°, 42%, 60%
XYZ	19.1524, 23.1308, 33.5922
YIQ	125.9340, -35.1650, -6.9810

# Conversions

## Conversions Part 2

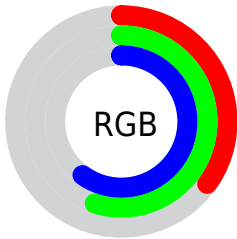
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	88, 117, 153
Decimal	5803161
CIE <sub>Lab</sub>	55.21, -13.79, -12.37
CIE <sub>LCh</sub>	55, 18.528, 221.890
Yxy	23.1308, 0.2524, 0.3049
Android (android.graphics.Color)	4283993241 (0xFF588C99)
YUV	125.9340, 13.3435, -33.2681
Hunter-Lab	48.0945, -13.0824, -7.7458

# Details

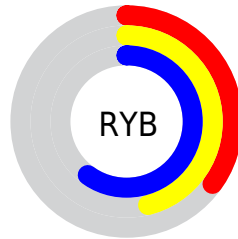
The Hex color **588C99** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **996558**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **8DC2CF**, and **235A66** is the 20% darker color. If you saturate the color by 10%, you get **498999**, and if you desaturate by 10%, it is **678F99**.

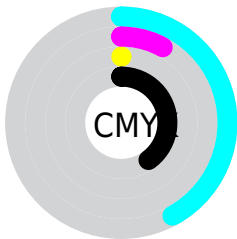
# Distribution



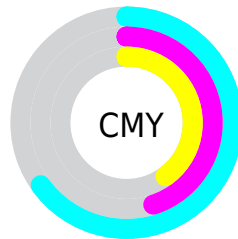
- Red (35%)
- Green (55%)
- Blue (60%)



- Red (35%)
- Yellow (46%)
- Blue (60%)



- Cyan (42%)
- Magenta (8%)
- Yellow (0%)
- Black (40%)



- Cyan (65%)
- Magenta (45%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 588C99 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 588C99 by changing the saturation by 10% instead.



■ 588C99

■ 588C99

FFFFFF

■ 3E727F

■ 8DC2CF

■ 235A66

■ A8DEEC

■ 00424E

■ C4FAFF

■ 002C37

■ E1FFFF

■ 001922

FEFFFF

■ 00000A

■ 000000

■ 588C99

■ 588C99

■ 498999

■ 678F99

■ 398699

■ 779299

■ 2A8399

■ 869599

■ 1B8099

■ 959899

■ 0B7D99

■ A49B99

■ 007A99

■ B49E99

■ C3A199

■ D2A499

■ E2A899

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



598D8A



588C99



6589A2

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



588C99



9E7A8F



8A8565

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



588C99



996558

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



998066



588C99



A5797E

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



588C99



8F7E9C



A37B6F



788A6C

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



588C99



7285A4



A37B6F



8F8364



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



588C99



ADC2C7



589965



546063



E3E3E3



636363



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



588C99



61B3C7



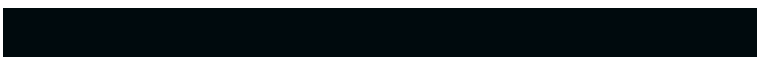
586D99



454B4D



00708C



000A0D



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



99588C



C761B3



998658



4D454B



8C0070

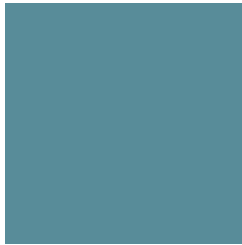


0D000A



# Previews

## White Background



This preview shows how the Hex color 588C99 looks on a white background.

## Color Contrast Check

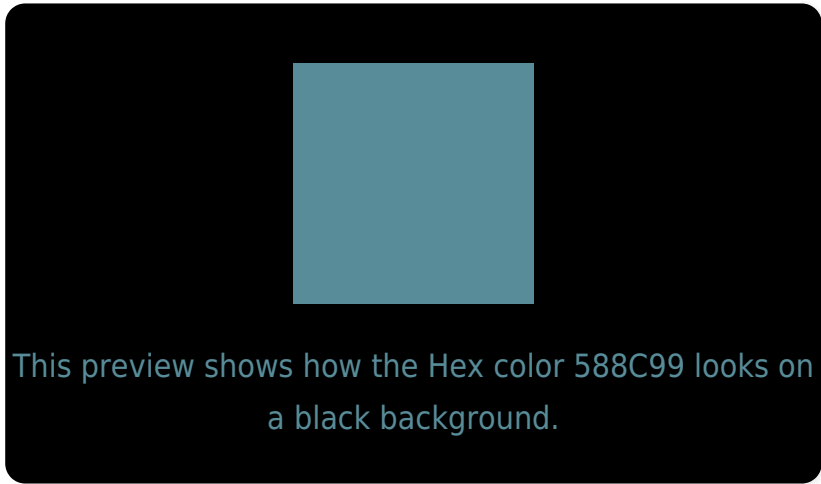
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

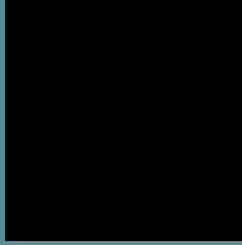
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 588C99 Background



This preview shows how black text looks on a background with the Hex color 588C99.



This preview shows how white text looks on a background with the Hex color 588C99.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

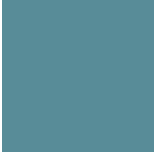
## Dichromacy



**Original Color**  
588C99

**Protanopia**  
818393

**Deuteranopia**  
85819B



**Tritanopia**  
588C98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 588C99 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #588C99 looks like.

```
.text, #text, p{  
    color:#588C99  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #588C99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #588C99
}
```

## Border

The CSS property to change the border of an element to Hex 588C99 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#588C99 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#588C99 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #588C99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #588C99; -webkit-box-shadow:4px 4px  
4px 4px #588C99; box-shadow:4px 4px 4px  
4px #588C99 }
```

# Background

The CSS property to change the background color of an element to Hex 588C99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#588C99 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#588C99 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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